

INTRODUCER FOR DEPLOYMENT OF BRANCHED PROSTHESIS

ABSTRACT

An introducer for implanting a prosthesis in a junction of a main lumen and a branch lumen. The prosthesis comprises a trunk to be implanted within the main lumen and at least one arm to be implanted within the branch lumen. The introducer comprises an outer sheath, an axial guide wire and at least one peripheral guide wire slideable within the outer sheath, and a nose cone at a distal end of the sheath. The nose cone has an axial conduit for receiving the axial guide wire and at least one peripheral channel for guiding the peripheral guide wire and guiding it into the branch lumen. A unitary branched prosthesis having at least one radial arm may be deployed using this introducer. Methods for deploying a unitary or modular branched prosthesis at a junction in a lumen use the introducer of this invention.